

# OREGON CROP WEATHER



## NATIONAL AGRICULTURAL STATISTICS SERVICE

USDA, NASS, Oregon Field Office

Released: August 2, 2010  
Week ending: August 1, 2010  
Volume: 18-10

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**Weather:** Conditions were hot throughout the State except the coastal areas. High temperatures ranged from 63 degrees in Bandon and Crescent City to 101 degrees in Hermiston. Three stations reported triple digit highs. Low temperatures ranged from 36 degrees in Christmas Valley and Lorella to 60 degrees in The Dalles. Eighteen stations reported below normal temperatures. Twenty-three stations reported measurable precipitation. The Joseph station reported the most precipitation with 0.75 inches followed by the Worden station with 0.72 inches. Eleven stations reported two days or more of precipitation, and seventeen stations reported below normal precipitation levels for the season.

**Field Crops:** Nearly all tall fescue and grass seed had been combined. Haying continued with varying results due to weather conditions this past week. Second cutting of alfalfa in Wasco County was looking good. Wheat harvest was beginning with good yields reported in Lane County, but a variety of moisture levels and uncertain yields reported everywhere else. Field corn was beginning to look good with harvest a few weeks away in Lane County. However, field corn growth was slow in Washington County. Hop plants were topped out. Red clover was in full bloom, and crimson clover was completed.

**Vegetables:** Vegetable crops were responding to the warm weather with good growth. However in Lane County some warm season crops are reportedly still behind. Processed vegetables in Washington and Yamhill counties were growing well. Green beans were being harvested in Washington County for processing.

Sweet corn harvest is reportedly three to four weeks away in Lane County. Cole crops are flourishing. Garlic and onion harvest was underway.

**Fruits and Nuts:** In the Willamette Valley, blueberry harvest was still going strong in the latter half of the season, while strawberries are finished up, and caneberries are about done as well. Early peach varieties were ripe and fresh peaches started showing up in farmers markets and fruit stands. Tart cherries received good reports of fruit quality. There were some findings of spotted wing drosophila in some raspberry and blackberry sites in the lower Willamette Valley. Hazelnuts were progressing well, and some orchards have been sprayed due to an emergence of filbertworm. Grapes were about ten days behind in the southern part of the state but were reported to look good in size and quantity. Cherry Harvest continued in the middle Hood River Valley, and got underway in the upper part of the valley.

**Nurseries and Greenhouses:** Warm weather conditions kept nurseries and greenhouses busy with summer irrigation and plant care.

**Livestock, Range and Pasture:** Some livestock had a hard time with the heat, but were generally still in good condition. Calves were being prepared for weaning. Producers were watering pastures. Non-irrigated pastures continued to dry out, though after a much longer season compared to previous years. Wasco County reported their watering ponds were slowly disappearing.

**Soil Moisture - Week Ending 08/01/10**

	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	17	40	43	0
Subsoil	7	40	53	0

**Crop Condition - Week Ending 08/01/10**

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Winter wheat	1	1	20	57	21
Spring wheat	1	5	16	53	25
Barley	0	1	12	61	26
Corn	0	1	16	82	1
Range and pasture	2	14	32	46	6

**Crop Progress - Week Ending 08/01/10**

Crop	This week	Last week	Last year	5 year average
	Percent	Percent	Percent	Percent
Alfalfa hay, second cutting	72	69	80	70
Winter wheat harvested	41	20	74	62
Spring wheat harvested	40	-	59	50
Barley harvested	31	13	59	52
Days suitable for fieldwork	6.7	6.9	6.8	6.9

## Western Oregon

**CLACKAMAS:** Pretty normal mid summer weather except for heavy marine air inflow most mornings. Cooler temperatures prevailed until mid afternoon, which lead to shorter days to run combines for grass seed harvest. All of the tall fescue was swathed and most of the ryegrass was also cut. Wheat turned color but was still considered high-moisture. Pastures have held later this year due to our wet June but started to dry up. Calves were ready to prepare for weaning.

**COOS/CURRY:** Low temperatures were 1 to 3 degrees above the 5-year average in Bandon (Coos Co.) and slightly below the 5-year average in Brookings in southern Curry. High temperatures through the week were 3 to 6 degrees below the 5-year average in both counties. Both Coos and Curry counties experienced overcast/foggy mornings and breezy conditions most of the week. The weather allowed haying operations to continue after morning fog burned off and more livestock were put out on bottoms as they continued to dry sufficiently to permit grazing. All but the best sub-irrigated pastures are done until the rains come again in the fall. Bandon (Coos & Northern Curry): Low temperature for the period was 51.5 degrees, 1.6 degrees above the 5-year average. High temperature for the period was 62.84 degrees, 5.98 degrees below the 5-year average. Precipitation for the period was 0.02 inches, which is 0.02 inches below the 5-year (including drought in 2005) average for the week. Precipitation for the current weather year (began 10/09) stands at 59.47 inches, 5.94 inches above the 5 year average. Historical average precipitation October through July is 57.92 inches. Brookings (Southern Curry): Low temperature for the period was 50.45 degrees, 1.06 degrees below the 5-year average. High temperature for the period was 67.45 degrees, 2.59 degrees below the 5-year average. Precipitation for the period was 0.2 inches, compared to a 5-year (including drought in 2005) average of 0.01 inches. Precipitation for current weather year precipitation (began 10/08) stands at 85.91 inches, 6.96 inches above the 5 year average. Historical average precipitation October through July is 70.49 inches.

**DOUGLAS:** Warm dry days continued, with irrigation being the major task. No serious pest problems were reported. Tree fruit and grapes were still about 10 days behind normal maturity pace.

**JOSEPHINE:** Low temperatures were 46 degrees to 62 degrees. High temperatures were in low 90's to 100 plus degrees. Watering and weeding were the main concerns for the week. Harvest began for some summer crops like zucchini and other summer squash. Grapes were showing good size with a plentiful stock. Livestock had a hard time in the heat. Fire season was restricting some activities for home gardeners.

**LANE:** Weather conditions continued to be dry and warm in the southern Willamette Valley. Grass seed harvest was nearing completion, with wheat harvest beginning. Yields for grass seed were across the board with some varieties good and others average. Wheat yields have been good so far. Peppermint harvest

was just around the corner with growers preparing harvest equipment. Mint stands looked good. Row crops were being irrigated on a regular cycle. Both field and sweet corn crops looked good with harvest three to four weeks away. Hay harvest varied due to the weather conditions. Early peach varieties were ripe. The pear condition looked good, but lower in numbers. Cherry and strawberry harvest was nearly complete. Blueberry and raspberry harvest was still on-going, and good pollinations were reported for grapes. Harvest was also taking place for garlic and onions. There was a slow emergence of filbertworm, and hazelnuts were sizing well. There were observations of more herbicide drift this year. The cole crops seemed to be doing fine, while the warm season crops seem to be a little behind. Intensive monitoring for spotted wing drosophila was started, due to some findings in a couple of raspberry and blackberry sites. Flea beetles and cucumber beetles were also spotted.

**LINN/BENTON/LINCOLN:** Wheat harvest had begun, with a variety of moisture levels. It was too early to know what the yields might be. Tall fescue yields seem to be down. Squash, corn, and beans were growing nicely with the warm weather.

**MARION:** Swathing of grass seed was almost finished, but there was still a lot of combining to go. The wheat harvest was starting. Hop plants were topped out, and red clover was in full bloom.

**WASHINGTON:** Crimson clover was completed, red clover was flowering and bees were added for pollination. Field corn was slow. The combines finished up most of the grass seed harvest, and the grass straw was baled and sent to storage. Blueberries were winding down, strawberry harvest finished, and caneberries were close to being done. Filberts were looking better, but walnuts seemed scarce. Sweet corn was tasseling in some fields. Squash was beginning to size, and cole crops were doing well. Green beans were going to the processors. Nursery crops were being irrigated. The cattle were doing well, but pastures were dwindling. Low 49 degrees, high 86 degrees, humidity high 75 percent, low 45 percent.

**YAMHILL:** Weather was in the mid 80's through the week with cooler temperatures on the weekend. Haying continued this last week. Majority of red clover was in full bloom. Ground work for planting is starting immediately behind harvested crops. Plenty of fescue and perennial ryegrass still left to combine. Lots of baled straw going out of the grass seed fields and down the road. Processed veggies growing well and more will soon be ready for harvest. Fresh peaches showed up in the farmers markets and stands this week. Berry harvest continued, but fresh market strawberries were about done. Blueberries are still going along strong. Tart cherry harvest is progressing and the fruit quality is excellent. Harvest started on some early peach varieties. Some hazelnut orchards have been spraying for filbert worm.

## Eastern Oregon

**HARNEY:** Warm temperatures were experienced throughout the week. Afternoon and evening thunderstorms brought trace to heavy amounts of precipitation to areas of the county. Cattle were still in good condition after enjoying a good year for rangeland forage. However, forage quality in rangeland pastures has declined in response to hot, dry conditions.

**HOOD RIVER:** The week started with warm temperatures and ended with mild conditions. Cherry harvest continued in the middle Hood River Valley and got underway in the upper Valley. Summer orchard operations continued throughout the Valley.

**KLAMATH:** Thunderstorms during the week brought strong wind, quarter sized hail, and rain. Some second cutting hay was rained on, resulting in reduced quality. Grain continues to ripen, and potatoes continue to bloom.

**LAKE:** Warmer temperatures throughout the week. The pastures still looked good, and there still seemed to be a lot of feed. Haying was still underway. Few thunderstorms occurred which resulted in some small fires, but they were all contained.

**MALHEUR:** Hot weather continued. High humidity turned to dry thunder and lightning storms. Irrigating, spraying, and haying continued this week. Wheat harvest was well under way, but no indication of yields.

**SHERMAN:** Wheat harvest was more earnestly started this week, but still confined to north end of county because the south end still shows some green. Heat and dry weather continued to speed up maturity. Current yields were good, but not as good as expected. There was low-protein wheat in abundance. Those not harvesting were finishing last pre-harvest rod weeding.

**UNION/BAKER:** Mainly in Union County, thunderstorms stopped grass seed harvest until late this week. Some areas received between 0.3 and 0.9 inches of rain but most areas received less than 0.2 inches. Baker County reported grass seed harvest was in full swing. Most bluegrass had been combined. Growers were ready to combine fescue the coming week.

**WASCO:** Perfect harvest weather prevailed all week. Wheat harvest was rapidly gaining momentum in Wasco County. Twenty percent of the crop had been harvested. The second cutting alfalfa hay crop was looking good. Cattle were doing well despite pastures being rapidly used up. Watering ponds for cattle were slowly disappearing.

**WALLOWA:** Thunderstorms with heavy rains and hail during the first part of the week. Typical July & August warm temperatures were reported.

**Weather data for selected stations in Oregon, Week ending: August 1, 2010 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria/Clatsop	52	77	59	-3	64	-13	0.02	-0.19	1	75.67	10.57	116	186
Bandon <sup>8</sup>	52	63	57	-3	50	-13	0.02	-0.07	2	60.56	2.62	105	200
Crescent City	51	63	56	-3	45	-18	-	-0.10	-	65.02	0.75	101	153
Florence	50	65	58	-3	56	-19	-	-0.17	-	87.92	12.78	117	170
North Bend	45	66	56	-5	44	-26	0.04	-0.06	1	59.56	-2.80	96	161
Tillamook	52	70	60	+1	70	+7	-	-0.28	-	65.94	-20.97	76	178
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	52	90	68	+2	126	+7	-	-0.14	-	44.38	4.26	111	170
Corvallis	47	89	65	-3	107	-12	0.01	-0.13	1	42.46	0.61	101	185
Detroit Lake <sup>8</sup>	50	92	71	+8	146	+48	-	-0.19	-	85.79	19.50	129	183
Eugene	47	91	67	-2	123	-3	-	-0.14	-	40.39	-7.92	84	150
Hillsboro	48	88	66	-1	115	-4	-	-0.14	-	37.86	1.34	104	159
McMinnville	49	89	66	-2	112	-7	-	-0.08	-	29.50	-12.96	69	139
Portland	55	89	68	-2	126	-7	-	-0.14	-	37.00	1.77	105	181
Salem	50	91	68	+0	125	+6	-	-0.09	-	43.41	5.00	113	155
<b>SW VALLEYS</b>													
Grants Pass	49	97	76	+4	182	+22	-	-0.07	-	28.66	-1.88	94	141
Medford	53	100	77	+4	192	+24	-	-0.07	-	15.09	-3.26	82	102
Roseburg	53	92	71	+1	146	+6	-	-0.07	-	33.03	0.95	103	150
<b>NORTH CENTRAL</b>													
Condon	48	96	73	+6	160	+41	0.06	-0.05	2	16.91	3.55	127	117
Echo <sup>8</sup>	54	100	77	+4	194	+26	0.02	-0.05	2	9.56	0.99	112	107
Heppner	51	97	75	+5	175	+35	0.10	0.03	3	13.66	0.43	103	104
Hermiston	53	101	77	+5	194	+26	0.04	-0.03	2	9.15	0.58	107	88
Madras <sup>8</sup>	45	92	71	+4	147	+21	-	-0.08	-	10.38	0.49	105	115
Moro	50	96	75	+7	175	+42	-	-0.07	-	14.57	3.91	137	99
Parkdale <sup>8</sup>	46	90	67	-2	120	-6	0.01	-0.06	1	38.04	7.80	126	167
Pendleton	53	98	76	+3	185	+17	0.04	-0.03	3	14.07	2.57	122	104
Prairie City <sup>8</sup>	45	92	71	+4	147	+21	-	-0.08	-	10.38	0.49	105	115
The Dalles	60	97	77	+11	193	+68	-	-0.07	-	13.27	1.25	110	105
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	38	85	64	-1	100	+2	0.01	-0.08	1	10.47	-5.01	68	93
Bend	44	93	69	+5	134	+36	0.46	0.35	3	10.49	-0.64	94	44
Burns	44	93	73	+7	165	+46	-	-0.11	-	10.75	1.43	115	99
Christmas Valley <sup>8</sup>	36	91	66	-4	112	-23	0.20	0.10	1	6.50	-5.29	55	94
Klamath Falls	43	89	67	-3	122	-9	0.02	-0.07	1	7.00	-5.90	54	85
Klamath Falls <sup>8</sup>	43	89	67	-2	123	-8	0.14	0.05	1	7.84	-5.06	61	96
Lakeview	37	91	65	-4	103	-21	0.17	0.10	1	10.85	-4.24	72	114
Lorella <sup>8</sup>	36	90	65	-5	107	-24	0.01	-0.08	1	8.84	-4.06	69	95
Redmond	41	95	70	+4	142	+23	-	-0.10	-	7.17	-0.86	89	82
Worden <sup>8</sup>	43	85	65	-5	105	-26	0.72	0.63	1	8.96	-3.94	69	85
<b>NORTHEAST</b>													
Baker City	43	91	69	+1	132	+6	0.18	0.04	2	10.33	0.38	104	106
Joseph	50	89	69	+9	137	+60	0.75	0.57	3	18.30	-5.46	77	107
La Grande	50	93	72	+2	158	+11	0.47	0.33	2	13.61	-2.93	82	103
Union	48	96	72	+5	155	+29	0.59	0.45	1	16.25	3.39	126	101
<b>SOUTHEAST</b>													
Ontario	56	96	78	+1	198	+9	-	-0.07	-	10.39	1.14	112	96
Rome	49	99	75	+3	177	+16	0.20	0.13	2	9.13	1.33	117	80

<sup>1</sup> Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2009.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.